



WAT Motor  
Sanayi ve Ticaret A.Ş.



## Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor Type: S4HP280M4C40-KG

### Electrical Data

RATED VALUES						STARTING VALUES			BREAKDOWN		EFFICIENCY			EFFICIENCY CLASS	
VOLTAGE V	POWER kW Hz		SPEED rpm	CURRENT A	TORQUE Nm	Cos φ 4/4	CURRENT $I_A / I_N$		TORQUE $M_A / M_N$		TORQUE Mk/ Mn Nm	EFFICIENCY			IEC 60034-30-1 IE
	Y	D					Y	D	4/4	3/4		2/4			
400/690	75	50	1492	127,9/73,9	480,0	0,89		5,9	1,7	4,3	IE4-96,0	95,8	95,1	IE4	
460/795	75	60	1793	108,8/62,9	399,4	0,90		7,1	2,1	3,3	IE4-96,2	96,0	95,3	IE4	

### Mechanical Data

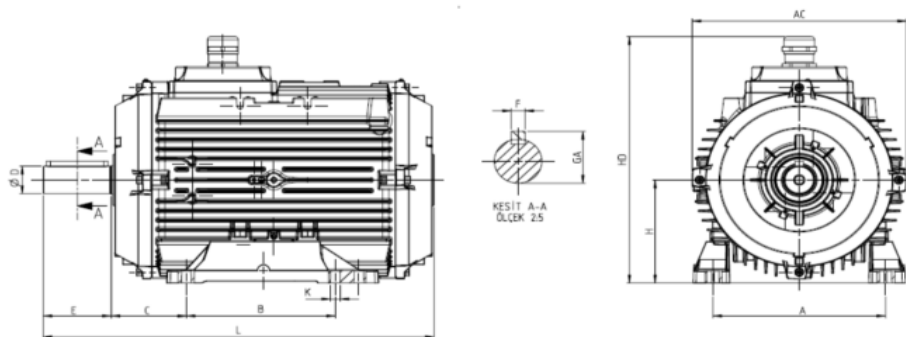
Bearing DE	6317 ACIK C4 YOK ORS	Color	Optional
Bearing NDE	6317 ACIK C4 YOK ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Cable gland	M50x1.5
Insulation class	H	Clamping range	34-44
Duty type	S1	Mounting type	IM 1001 (B3)
Direction of rotation	Clockwise		
Housing material	Cast Iron		
Type of balancing	Half Key		

### Environmental Data

### Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP56
Altitude above sea level	1000 m	Sound pressure level 50/60Hz	dBA 70
		Moment of inertia (kqm <sup>2</sup> )	1,7210
		Standard	IEC 60034-1
		Weight (kg)	694,0
		Resistance to fire	300 C° 2 Hour F300 EN 12101-3

### Dimensions



Main Dimensions		Foot Mounted Motors						Shaft				Flange Mounted Motors			
AC	L	B	A	H	HD	K	C	D	E	GA	F	P	N	M	S
574	913	368	457	280	658	24	190	75	140	79,5	20				